

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1276521

Luminaire Tested: P3AS17R459835DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276521
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R459835DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

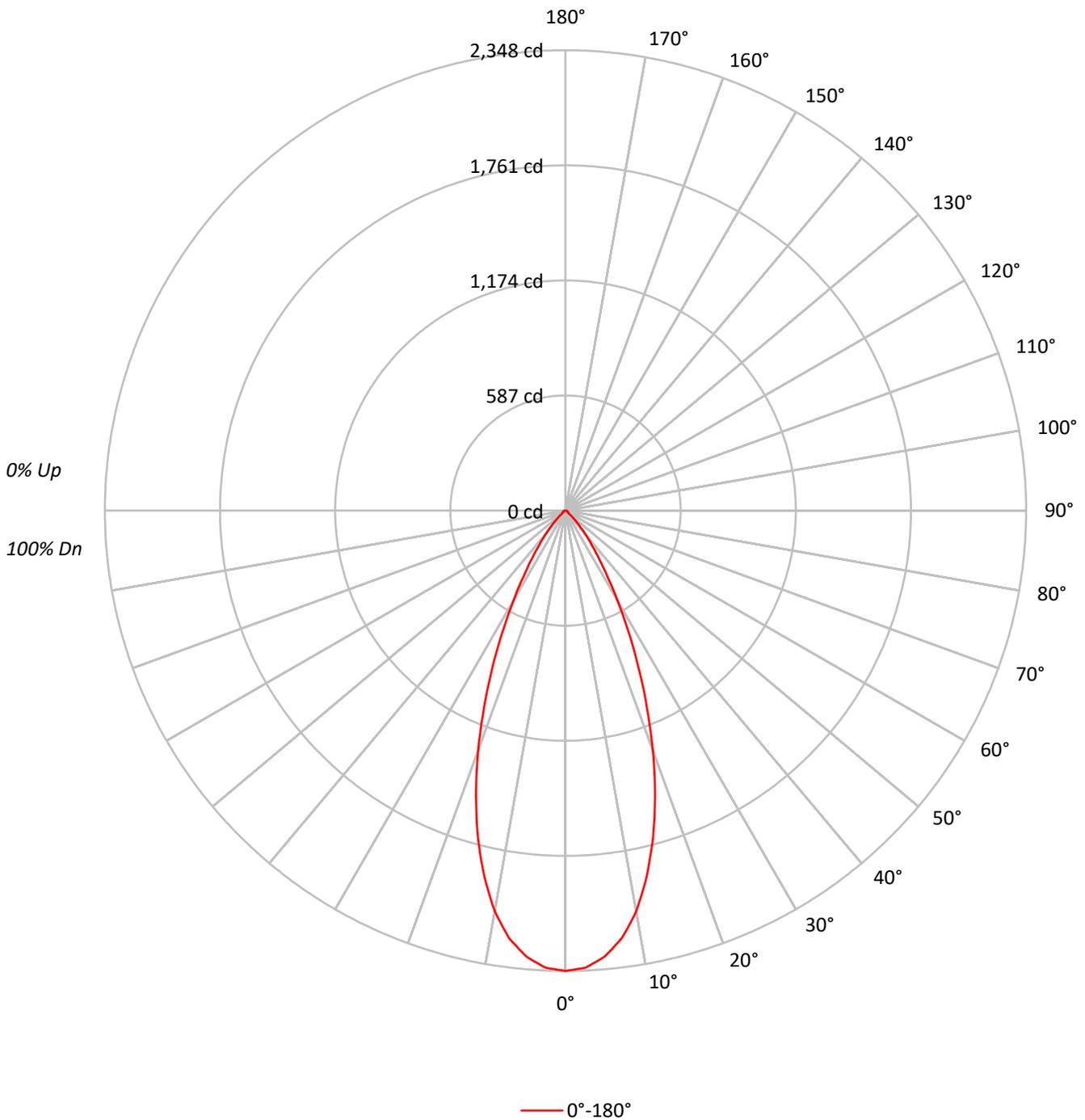
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1371.0 lumens
Efficiency: N/A
Efficacy: 67.2 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94	94	94	94
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88	88	88	88
3	104	98	93	89	102	96	92	88	94	90	87	91	88	86	89	86	84	83	83	83	83
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	78	78	78	78
5	94	87	81	77	93	86	81	77	84	80	76	82	79	76	81	78	75	74	74	74	74
6	90	82	76	73	89	81	76	72	80	75	72	78	74	71	77	74	71	70	70	70	70
7	86	78	72	68	85	77	72	68	76	71	68	75	71	67	74	70	67	66	66	66	66
8	83	74	68	65	82	73	68	64	72	68	64	71	67	64	70	67	64	62	62	62	62
9	79	70	65	61	78	70	65	61	69	64	61	68	64	61	67	63	61	59	59	59	59
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	65	61	58	57	57	57	57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	514849
5°	502794
10°	462205
15°	391625
20°	303850
25°	212407
30°	133793
35°	78782
40°	44569
45°	21677
50°	7539
55°	6079
60°	5921
65°	5707
70°	5514
75°	5168
80°	4672
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 21677 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	211.4	15.4
10°-20°	473.7	34.6
20°-30°	402.3	29.3
30°-40°	191.9	14.0
40°-50°	57.8	4.2
50°-60°	14.7	1.1
60°-70°	10.9	0.8
70°-80°	6.5	0.5
80°-90°	1.8	0.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1087.4	79.3
0°-40°	1279.3	93.3
0°-60°	1351.8	98.6
0°-90°	1371.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1371.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2348	
5°	2284	211
15°	1725	474
25°	878	402
35°	294	192
45°	70	58
55°	16	15
65°	11	11
75°	6	6
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2347.9
2.5°	2333.2
5°	2284.2
7.5°	2199.6
10°	2075.8
12.5°	1911.5
15°	1725.1
17.5°	1517.9
20°	1302.1
22.5°	1082.6
25°	877.9
27.5°	691.5
30°	528.4
32.5°	397.2
35°	294.3
37.5°	217.0
40°	155.7
42.5°	107.9
45°	69.9
47.5°	39.2
50°	22.1
52.5°	17.2
55°	15.9
57.5°	14.7
60°	13.5
62.5°	12.3
65°	11.0
67.5°	9.8
70°	8.6
72.5°	7.4
75°	6.1
77.5°	4.9
80°	3.7
82.5°	2.5
85°	1.2
87.5°	1.2
90°	0.0

(END OF REPORT)